Please type a plus sign (+) inside this

DATE OF D

EXPRESS MAIL LABEL NO.: EL 811672185 US

PTO/SB/50 (02-01)
Approved for use through 01/31/2004. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REISSUE PATENT APPLICATION TRANSMITTAL

Address to:	Attorney Docket No. 109536-117					
Assistant Commissioner for Patents	First Named Inventor Seiichi Araki **					
Box Reissue	Original Patent Number 5,945,420					
Washington, DC 20231	Original Patent Issue Date (Month/Day/Year) August 31, 1999					
	EL811672185US					
APPLICATION FOR REISSUE OF: (Check applicable box) X Utility Pater	nt Design Patent Plant Patent					
APPLICATION ELEMENTS (37 CFR 1.173)	ACCOMPANYING APPLICATION PARTS					
1. X Fee Transmittal Form (PTOI SBI 56) (Submit an original, and a duplicate for fee processing)	10. X Statement of status and support for all changes					
2. Applicant claims small entity status. See 37 CFR 1.27.	to the claims. See 37 CFR 1.173 (c). Original U.S. Patent for surrender					
3. X Specification and Claims in double column copy of patent format (amended, if appropriate)	Ribboned Original Patent Grant					
4. X Drawing(s) (proposed amendments, if appropriate)	Statement of Loss (PTO/SB/55)					
5. Reissue Oath/Declaration (original or copy)	12. Foreign Priority Claim (35 U.S.C. 119) (if applicable)					
6. Power of Attorney	13. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations					
7. Original U.S. Patent currently assigned? X Yes No	English Translation of Reissue Oath/Declaration					
(If Yes, check applicable box(es))	(if applicable)					
Written Consent of all Assignees (PTO/SB/53)	15. X Preliminary Amendment					
37 C.F.R. § 3.73(b) Statement (PTO/SB/96)	Return Receipt Postcard (MPEP 503)					
8. CD-ROM or CD-R in duplicate, Computer Program (Appendix) or large table	17. Other:					
9. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all of the following are necessary)						
a. Computer Readable Form (CFR)						
b. Specification Sequence Listing on:						
i □ CD-ROM (2 copies) or CD-R (2 copies); or ii □ paper	346					
c. Statements verifying identity of above copies						
	DDDECC					
18. CORRESPONDENCE A						
Customer Number or Bar Code Label	or Correspondence address below					
Name Hollie L. Baker 234	105					
Address Hale and Dorr LLP PATENT TRADE	MARKYOFFICE					
60 State Street	Zip Code					
City Boston State	MA Fax 02109					
Country Telephone						
	Registration No. (Attorney/Agent) 31,321					
NAME (PrintType) Hollie L. Baker Signature	Date \$/30/7001					

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Reissue, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REISSUE APPLICATION FEE TRANSMITTAL FORM					Docket Number (Optional) 109536-117						
Claims as Filed - Part 1											
Claims in		Number Filed in					Small Entity		Other than a Small Entity		
Patent			Application	Num	ber Extra	Rate	Fee		Rate	Fee	
(A) 8	Total Claims (37 CFR 1.16(j))	(B) 8	•	. ***	0 =	×\$=			×\$=		
(C) 2	Independent claims (37 CFR 1.16(i))	(D) 2		*	0 =	× \$=		or	x\$=	:	
	Basic Fee (37 CFR 1.16(h)) \$710 \$									\$	
				To	otal Filing F	ee	\$		OR	\$	
		•	Claims	as Ar	nended - P	art 2					
•	(1)		(2)		(3)	Small E	Small Entity		Other than a Small Entity		
	Claims Remaining After Amendment		Highest Nur Previousl Paid Fo	y	Extra Claims Present	Rate	Fee		Rate	Fee	
Total Claims (37 CFR 1.16(j	54.	MINUS	** 8		* = 46	x \$=			x\$ <u>18</u> :	828	
Independent Claims (37 CFR 1.16)	(i)) *** 6	MINUS	***** 2		= 4	x \$=			x\$ <u>80</u> =	320	
					Total A	dditional Fee	\$		OR .	\$1148	
* If the entry in (D) is less than the entry in (C), Write "0" in column 3. ** If the "Highest Number of Total Claims Previously Paid For" is less than 20, Write "20" in this space.											
	incellation of claims.										
**** If "A" is greater than 20, use (B - A); if "A" is 20 or less, use (B - 20). ***** "Highest Number of Independent Claims Previously Paid For" or Number of Independent Claims in Patent (C).											
Applicant claims small entity status. See 37 CFR 1.27.											
Please charge Deposit Account No. 08-0219 in the amount of 1,858.00							00				
A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 or 1.17 which may be required, or credit any overpayment to Deposit Account No. 08-0219 A duplicate copy of this sheet is enclosed.											
	the amount of \$			_ to co	over the filin	ng / additional	fee is end	closed	l.		
☐ Payment b	y credit card. Form PT	O-2038 i	s attached.								
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.											
8/30/ Date	<u>20</u> 01		•		4	Signature o	L. Z)) ot, Atto	orney or Ager	it of Record	
					Ho1	lie L. B	aker; Typed or			. 31,321	

DOOKING - CEICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

(Case No. 109536-117)

Inventor(s):	Araki et al.) Examiner:	
Reissue of U.S. Patent No.:	5,945,420) Art Unit:	
Originally Issued:	August 31,	1999)	
Title: IMMUNOPOTENTI PROTECTIVE AGE THEREOF		ODUCTION I HEREBY CERTUY THA WITH THE UNITED STA ADDRESSEE" SERVICE))))) f the attached papers and fees are being deposit tes Postal Service as "Express Mail Post Office under 37 C.F.R. §1.10 on the date indicated below REISSUE, Assistant Commissioner for Patents, 1231 on	то
		DATE: AUGUST 30, 20 EL 811672185 US "Express Mail" Labe SIGNATURE: Many	<u>ari</u> (1964 - Aria Salata) (1964 - Aria Salata)	

Box Reissue Assistant Commissioner For Patents Washington, DC 20231

TRANSMITTAL LETTER

Dear Sir:

Enclosed herewith for filing please find the following documents:

- 1. Reissue Patent Application Transmittal (PTO/SB/50)
- 2. Preliminary Amendment
- 3. Reissue Application Fee Transmittal Form (PTO/SB/56)
- 4. Copy of Specification pursuant to 37 C.F.R. §1.173(a)(1)
- 5. Copy of Drawings pursuant to 37 C.F.R. §1.173(a)(2)
- 6. Return Postcard

Transmittal Lett 5,945,420
August <u>36</u>, 2001
Page 2

No fees are believed to be due with this communication; however, please charge any additional fees or credit any overpayment associated with this matter to our Deposit Account No. 08-0219.

Respectfully submitted, HALE AND DORR LLP

Hollie L. Baker

Registration No. 31,321 Agent for Applicants

Date: August 30, 2001
60 State Street
Boston, MA 02109
(617) 526-6000
(617) 526-5000 (Fax)